Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method of transmitting a progressive video sequence (20) comprising ~~steps of~~:

interlacing the video signal ~~(20)~~;

separating the video signal ~~(20)~~ into multiple streams of video signals ~~(20)~~;

encoding the streams of video signals ~~(20)~~ using a plurality of encoders ~~(304,306)~~; and

transmitting the separate streams of encoded signals to a network.

2.   (Currently Amended) The method of claim 1 wherein the step of separating the video signal ~~(20)~~ into multiple streams comprises separating the video signal~~(20)~~ into a stream of odd fields ~~(32)~~ and a stream of even fields ~~(34)~~.

3.   (Currently Amended) A method of receiving a progressive video sequence ~~(20)~~ comprising ~~the steps of~~:

receiving separate streams of encoded signals from a network;

decoding the separate streams of video signals ~~(20)~~ using a plurality of decoders ~~(322,324)~~;

de-interlacing the video signals ~~(20)~~ using a de-interlacer ~~(326)~~; and

regrouping the streams to form a progressive video sequence ~~(20)~~.

4.   (Currently Amended) The method of claim 3 wherein the progressive video sequence ~~(20)~~ comprises a series of video images and wherein the de-interlacer ~~(326)~~ reconstructs a corrupted image based on one or multiple received neighboring images.

5.   (Currently Amended) The method of claim 4 wherein the de-interlacer ~~(326)~~ reconstructs the corrupted signal using temporal information from the received signals.

6.   (Currently Amended) The method of claim 3, wherein the de-interlacer ~~(326)~~ reconstructs the corrupted signal using spatial and temporal information from the received signals.

7.   (Currently Amended) An improved method of receiving progressive video comprising:

receiving the encoded streams at a receiver ~~(320)~~;

decoding the received streams of video; and

reconstructing any portions of missing fields using de-interlacing algorithms.

8.   (Original) The method of claim 7 wherein the de-interlacing algorithms employ spatial and temporal information from the received streams to reconstruct the missing fields.

9.   (Currently Amended) The method of claim 8 wherein the step of separating the video comprises separating the video into a stream of odd fields ~~(32)~~ and a stream of even fields ~~(34)~~ wherein the odd fields ~~(32)~~ comprise odd scanning lines of the video and the even fields ~~(34)~~ comprise even scanning lines of the video.

10.   (Currently Amended) A device for communicating a progressive video sequence ~~(20)~~ to a network comprising:

means for interlacing the video sequence ~~(20)~~;

means for splitting the interlaced sequence into multiple streams of signals;

means for separately encoding the multiple streams of signals; and

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means for transmitting the multiple streams of encoded signals over independent channels ~~(308, 310)~~.

11. (Currently Amended) A device for receiving a progressive video sequence ~~(20)~~ from a network comprising:

means for receiving multiple streams of encoded signals;

means for separately decoding the multiple streams of signals;

means for de-interlacing the decoded streams of signals; and

means for regrouping the decoded streams into the video sequence ~~(20)~~.

12. (Original) The device of claim 11 wherein the means for de-interlacing uses temporal information to reconstruct a corrupted signal.

13. (Original) The device of claim 11, wherein the means for de-interlacing uses spatial and temporal information from the received corrupted signals.

14. (Currently Amended) The receiver ~~(320)~~ of claim 11, wherein de-interlacing is performed to reconstruct a signal that was corrupted during its transmission over the network.